

## Publications

Funston, A. M., Miller, J. R., "Increased Yields of Radical Cations by Arene Addition to Irradiation 1,2-Dichloroethane", submitted for publication *Radiat. Phys. Chem.*, **2003**.

Funston, A. M., Miller, J. R., Silverman, E. E., Schanze, K. S., "Charge Transfer Through Terthiophene End-Capped Poly(arylene ethynylene)s", accepted for publication *J. Phys. Chem. B*, **2004**, 108(5), 1544-1555.

Funston, A. M., Ghiggino, K. P., Grannas, M. J., McFadyen, W. D., Tregloan, P. A. "Synthesis, Structural Studies and Photochemistry of Cobalt(III) Complexes of Anthracenylcyclam Macrocycles" *J. Chem. Soc., Dalton Trans.*, **2003**, 3704 – 3712.

Funston, A. M., McFadyen, W. D., Tregloan, P. A. "The Synthesis and Crystal Structures of Two Cobalt(III) Complexes Containing the Ligand 1,4,8,11-Tetraazacyclotetradecane", *Aust. J. Chem.*, **2002**, 55(8), 535-538.

Funston, A. M., McFadyen, W. D., Tregloan, P. A. "A Pulse Radiolysis Study of the Rate of Ligand Dissociation from Mixed Ligand Cobalt(II) Complexes", *J. Chem. Soc., Dalton Trans.*, **2002**, 2053 – 2060.

Funston, A. M., Gable, R. W., McFadyen, W. D., Tregloan, P. A. "The preparation of a Mixed-Ligand Cobalt(III) Complex of DPPZ and Ethylenediamine: Crystal Structures of  $[\text{Co}(\text{en})_2(\text{DPPZ})](\text{ClO}_4)_3 \cdot 0.5\text{H}_2\text{O}$ ,  $[\text{Co}(\text{en})_2(\text{bpy})]\text{Br}(\text{ClO}_4)_2$  and  $[\text{Co}(\text{en})_2(\text{phen})]\text{Br}_3$ ", *Aust. J. Chem.* **1999**, 52(8), 817 – 822.

## Conference Posters and Presentations

Presentation, 226<sup>th</sup> ACS National Meeting, New York, September 7 – 11, **2003**. Funston, A. M., Wishart, J. F., Neta, P., Brenneke, J. F. "Reactivity of Solvated and Pre-solvated Electrons in Alkylammonium Bistriflylimide Ionic Liquids"

Poster, 226<sup>th</sup> ACS National Meeting, New York, September 7 – 11, **2003**. Funston, A. M., Wishart, J. F., Neta, P. "Ionic Liquids: Composition Effects on Reactivity Patterns and Solvation Dynamics"

Presentation, International Congress of Radiation Research, Brisbane Australia, August 17 – 22, **2003**. Funston, A. M., Wishart, J. F., Miller, J. R., Cook, A. R., Holroyd, R. A., Poliakov, P., Takeda, N. "Capabilities and Applications of Brookhaven's Picosecond Laser-Electron Accelerator Facility"

12<sup>th</sup> International Congress of Radiation Research, ISBN 0-9577217-7-3, **2003**, Page 117.

Poster, International Congress of Radiation Research, Brisbane Australia, August 17 – 22, **2003**. Funston, A. M., Wishart, J. F., Neta, P. “*Picosecond Radiolysis of Ionic Liquids*”

12<sup>th</sup> International Congress of Radiation Research, ISBN 0-9577217-7-3, **2003**, Page 182.

Poster, International Congress of Radiation Research, Brisbane Australia, August 17 – 22, **2003**. Funston, A. M., Miller, J. R., Silverman, E. E., Schanze, K. S. “*Charge Transfer Through Molecular Wires Investigated Using Pulse Radiolysis*”

12<sup>th</sup> International Congress of Radiation Research, ISBN 0-9577217-7-3, **2003**, Page 179.

Presentation, Gordon Radiation Conference, Colby College, Waterville, ME, June 23 – 28, **2002**. Funston, A. M., McFadyen, W. D., Tregloan, P. A. “*Radiation Induced Ligand Loss from Cobalt Complexes*”

Poster, Radiation 2000, Sydney, Australia, November 26 – 28, **2000**. Cooper, R., Funston A. M., Laurence G. S., McFadyen W. D., Tregloan, P. A., Webb, D. “*Design of a New Pulse Radiolysis Control System*”

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Poster, The Royal Australian Chemical Institute, Inorganic Chemistry Division Conference, IC2000/11RACIC, Canberra, Australia, **2000**. Funston, A. M., McFadyen, W. D., Tregloan, P. A. “*Studies in the Development of a Photoactivated Cytotoxin*”

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Poster, Joint Meeting of the Inorganic Division of the Royal Australian Chemical Institute and the Inorganic and Organometallic Specialist Group f the New Zealand Institute of Chemistry, Wellington, New Zealand, **1999**. Funston, A. M., McFadyen, W. D., Tregloan, P. A. “*Pulse Radiolysis Studies in the Development of a Photoactivated Cytotoxin*”.

Proceedings of the Joint Meeting of the Inorganic Division of the Royal Australian Chemical Institute and the Inorganic and Organometallic Specialist Group f the New Zealand Institute of Chemistry, ISBN 0-473-05724-7, **1999**, Page W50.

Presentation, Radiation 98, Melbourne, Australia, **1998**. Funston, A. M., McFadyen, W. D., Tregloan, P. A. “*Radiation Induced Dissociation of Cobalt and Chromium Complexes*”.

